

INTERNATIONAL SEARCH REPORT

PCT/GB 03/04368

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/68 B01J19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, EMBASE, BIOSIS, INSPEC, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 093 302 A (MONTGOMERY DONALD D) 25 July 2000 (2000-07-25) claims 15,16,28,31	1-15
X	TENDER L M ET AL: "ELECTROCHEMICAL PATTERNING OF SELF-ASSEMBLED MONOLAYERS ONTO MICROSCOPIC ARRAYS OF GOLD ELECTRODES FABRICATED BY LASER ABLATION" LANGMUIR, AMERICAN CHEMICAL SOCIETY, NEW YORK, NY, US, vol. 12, 1996, pages 5515-5518, XP001074674 ISSN: 0743-7463 cited in the application	15
Y	the whole document	1-14

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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

19 January 2004

Date of mailing of the international search report

30/01/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	MIRSKY V M: "New electroanalytical applications of self-assembled monolayers" TRAC, TRENDS IN ANALYTICAL CHEMISTRY, ANALYTICAL CHEMISTRY. CAMBRIDGE, GB, vol. 21, no. 6-7, 7 June 2002 (2002-06-07), pages 439-450, XP004371232 ISSN: 0165-9936 page 442, left-hand column	1-14
X	WANG ET AL: "Electrochemically Induced Deposition of Thiol-Based Monolayers onto Closely Spaced Microelectrodes" LANGMUIR, vol. 16, no. 25, 2000, pages 9687-9689, XP002266921 abstract; figure 2	15
X	SULLIVAN M G ET AL: "AUTOMATED ELECTROCHEMICAL ANALYSIS WITH COMBINATORIAL ELECTRODE ARRAYS" ANALYTICAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. COLUMBUS, US, vol. 71, no. 19, 1 October 1999 (1999-10-01), pages 4369-4375, XP001032132 ISSN: 0003-2700 page 4371, right-hand column, paragraph 2	15
Y	CAILLAT P ET AL: "Biochips on CMOS: an active matrix address array for DNA analysis" SENSORS AND ACTUATORS B, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. 61, no. 1-3, 14 December 1999 (1999-12-14), pages 154-162, XP004185147 ISSN: 0925-4005 abstract; figures 2,10	1-14
X	WO 99 51778 A (BARTON JACQUELINE ;HILL MICHAEL (US); KELLEY SHANA (US); CALIFORNI) 14 October 1999 (1999-10-14) claim 22; example 3	15

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CARCENAC F ET AL: "Fabrication of multiple nano-electrodes for molecular addressing using high-resolution electron beam lithography and their replication using soft imprint lithography" MICROELECTRONIC ENGINEERING, ELSEVIER PUBLISHERS BV., AMSTERDAM, NL, vol. 61-62, July 2002 (2002-07), pages 657-663, XP004360599 ISSN: 0167-9317 abstract page 663	15
P,X	WO 03 020415 A (SOUTHERN EDWIN MELLOR ;EGELAND RYAN D (GB); ISIS INNOVATION (GB)) 13 March 2003 (2003-03-13) page 10, line 33-35	1-15

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